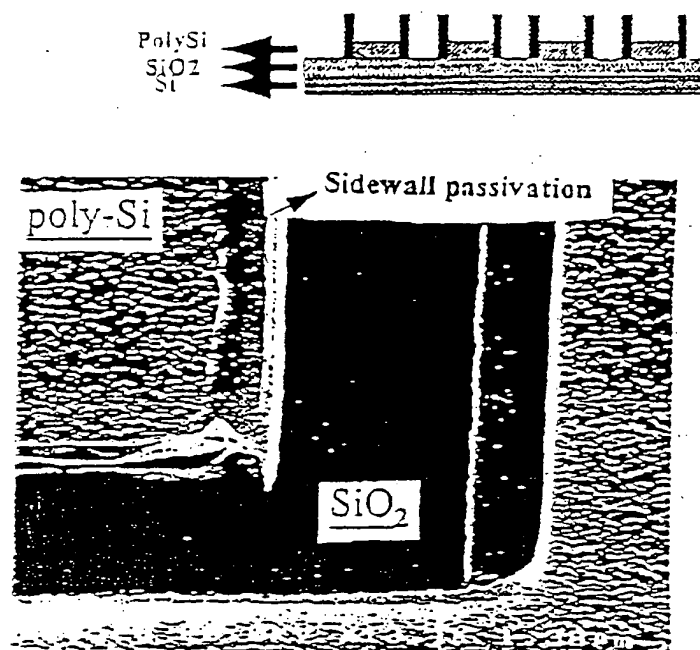


Conventional removal PR = O₃ + (H₂SO₄+H₂O₂)
 New removal PR = O₃ + (H₂SO₄+ HF + H₂O₂)

(Fig. 1)

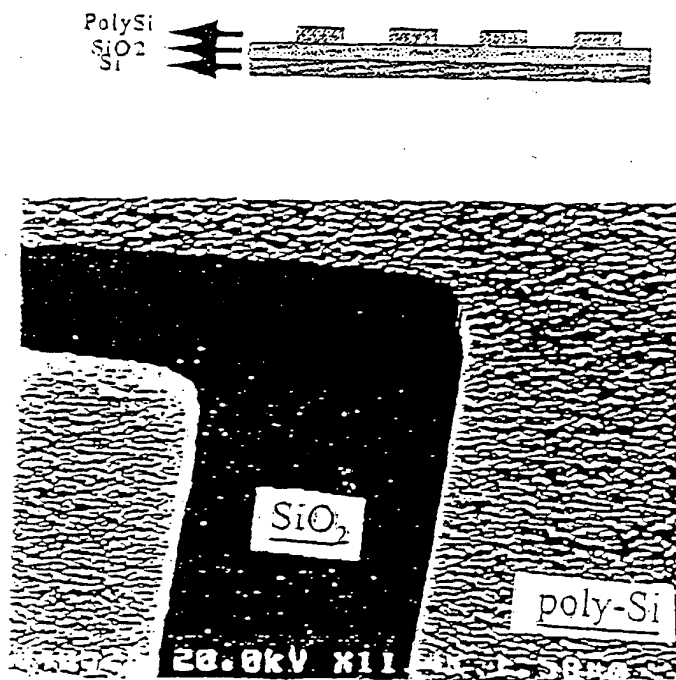
Fig.2)

Conventional removal PR = $O_3 + (H_2SO_4 + H_2O_2)$



(Fig.3)

New removal PR = $O_3 + (H_2SO_4 + HF + H_2O_2)$



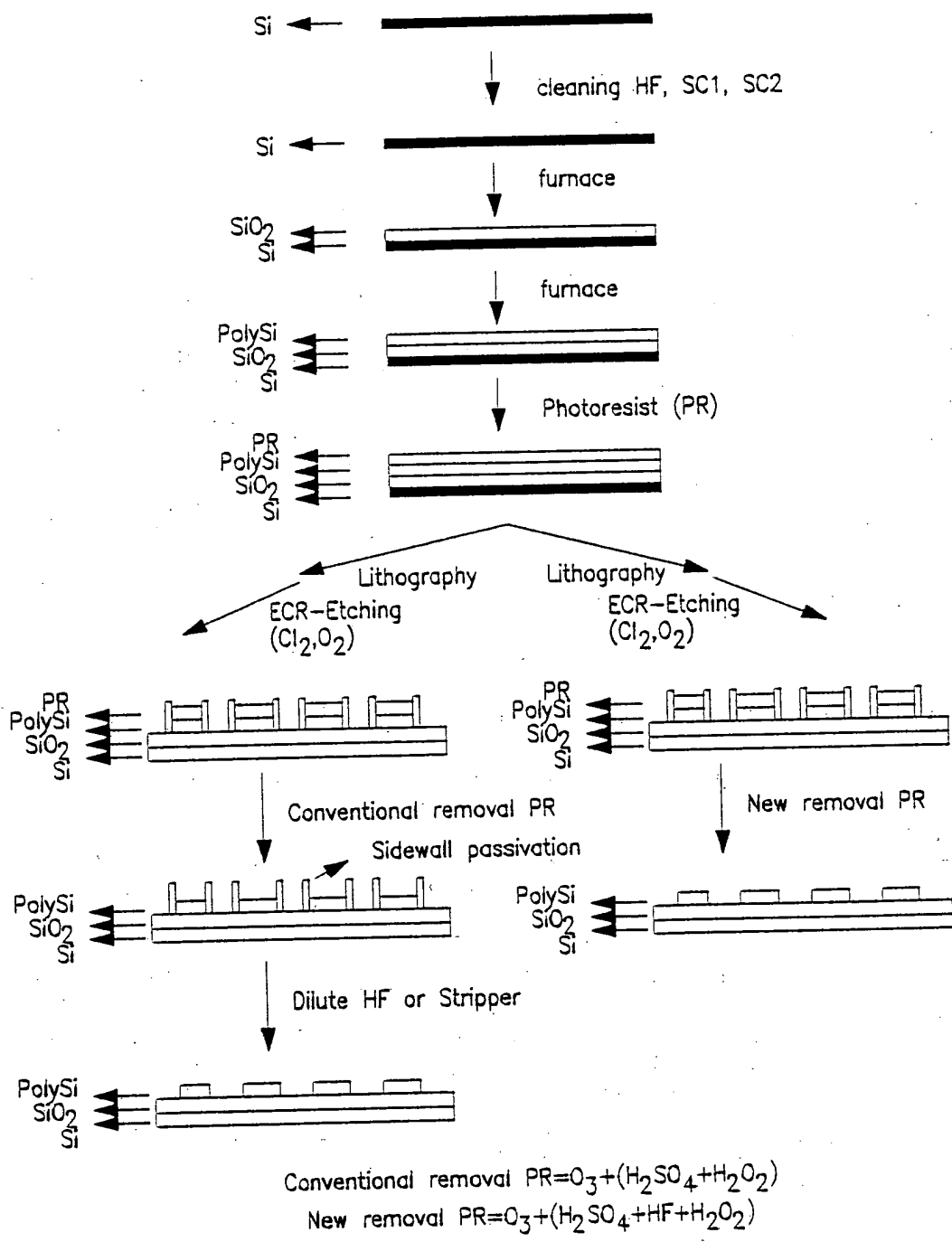


FIG. 1

Conventional removal $PR=O_3+(H_2SO_4+H_2O_2)$

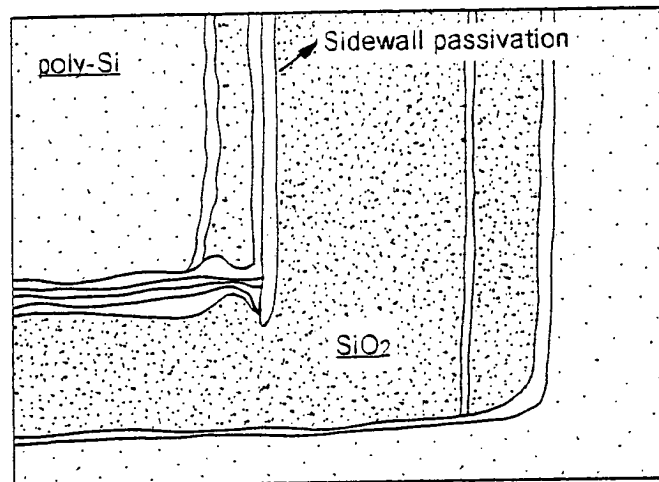
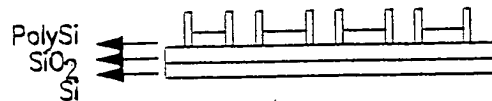


FIG. 2

New removal $PR=O_3+(H_2SO_4+HF+H_2O_2)$

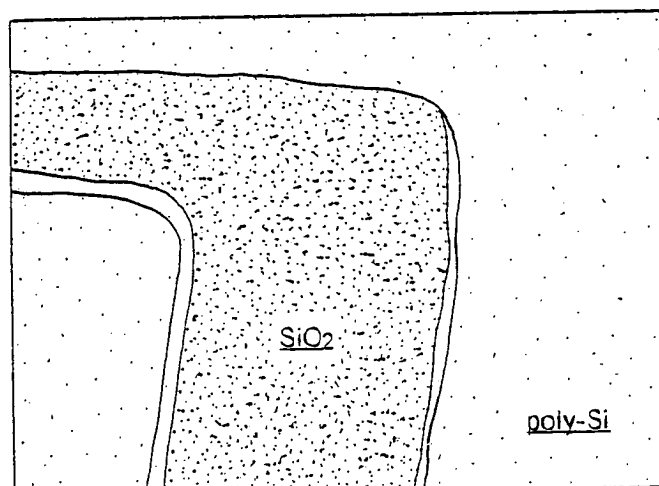
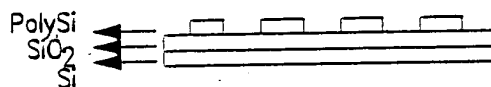


FIG. 3